| Index of Cla | aims |
|--------------|------|
|              |      |

| Appli | ication | /Control | No. |
|-------|---------|----------|-----|
|-------|---------|----------|-----|

10/077,094

Examiner

Venkatesh Haliyur

Applicant(s)/Patent under Reexamination

HOLCMAN ET AL.

Art Unit

2664

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

|          |          |            |              |          |          |                                                  | ļ,                                               |          |              |          |     |               |          |                               |          |          |                                                  |                                                  |              |          |          | _  |
|----------|----------|------------|--------------|----------|----------|--------------------------------------------------|--------------------------------------------------|----------|--------------|----------|-----|---------------|----------|-------------------------------|----------|----------|--------------------------------------------------|--------------------------------------------------|--------------|----------|----------|----|
| Cla      | aim      | Γ          |              |          | _ (      | Date                                             |                                                  |          | _            |          |     | Cla           | aim      |                               |          |          |                                                  | Date                                             | •            |          |          | _  |
| Final    | Original | 12/20/05   |              |          |          |                                                  |                                                  |          |              |          |     | Final         | Original |                               |          |          |                                                  |                                                  |              |          |          |    |
|          | 1        | <b>√</b>   |              |          |          |                                                  |                                                  |          |              |          |     |               | 51       |                               |          |          |                                                  |                                                  |              |          |          |    |
|          | 2        | <b>√</b>   |              |          |          |                                                  |                                                  |          |              |          |     |               | 52       |                               |          |          |                                                  |                                                  |              |          |          |    |
|          | 3        | √          |              |          |          |                                                  |                                                  |          |              |          |     |               | 53       |                               |          |          |                                                  |                                                  |              |          |          | Ĺ  |
|          | 4        | V          |              |          |          |                                                  |                                                  |          |              |          |     |               | 54       | Ш                             |          |          |                                                  | <u> </u>                                         |              |          |          | L  |
|          | 5        | ✓          |              | _        |          |                                                  |                                                  | _        |              | <u> </u> |     |               | 55       |                               |          |          | L                                                |                                                  |              |          |          | L  |
| ļ        | 6        | √          |              | L        | L_       | <u> </u>                                         |                                                  |          |              | L        |     |               | 56       |                               |          |          |                                                  | _                                                |              |          | Ш        |    |
| L        | 7        | √          | <u> </u>     | <u> </u> | _        | ┖                                                |                                                  | <u> </u> | <u> </u>     | <u> </u> | ! ! |               | 57       | Н                             |          | _        |                                                  | <u> </u>                                         |              | _        | Н        | H  |
|          | 8        | √          | <u> </u>     | —        | -        | ⊢                                                | $\vdash$                                         | <u> </u> |              |          |     |               | 58       | H                             |          |          | -                                                | _                                                | _            | _        | $\vdash$ |    |
| <u> </u> | 9        | 1          | ⊢            | ├—       | -        | ┢                                                | <u> </u>                                         | <u> </u> |              |          |     |               | 59<br>60 | Н                             |          | _        | -                                                | <u> </u>                                         | -            |          |          | H  |
| $\vdash$ | 10       | V          | _            | ⊢        | -        | ├                                                | -                                                | _        | -            | -        |     |               | 61       | $\vdash$                      |          |          | -                                                | _                                                | $\vdash$     | -        |          | H  |
| -        | 11       | <b>√</b>   | _            | 1        | ├        | -                                                | ├                                                | $\vdash$ | ⊢            |          |     | _             | 62       | Н                             |          |          | -                                                | $\vdash$                                         | -            |          | $\vdash$ | H  |
| ┝        | 13       | V          | $\vdash$     | ⊢        | ┢        | -                                                | $\vdash$                                         | ⊢        | <del> </del> | -        |     | -             | 63       | $\vdash$                      |          |          | $\vdash$                                         |                                                  | -            | -        |          | H  |
| -        | 14       | V          | -            | ┢╌       | ┢        | ┢                                                | -                                                | -        |              | $\vdash$ |     | -             | 64       | ┢                             |          |          | ┢╌                                               | -                                                | ┝            | $\vdash$ |          | -  |
|          | 15       | V          | -            | ┢        | $\vdash$ | ┢                                                | <u> </u>                                         | ┢        | $\vdash$     | $\vdash$ | 1   |               | 65       | Н                             |          |          | 一                                                | <del>                                     </del> | $\vdash$     | $\vdash$ |          | ┢  |
|          | 16       | V          | <del> </del> | H        |          | $\vdash$                                         | 一                                                | $\vdash$ | t            |          | 1   |               | 66       |                               |          |          | H                                                | _                                                |              |          |          | _  |
| -        | 17       | V          | ┢╌           | ┢        |          | ╁                                                | _                                                |          |              | _        | 1   |               | 67       |                               |          |          | -                                                |                                                  |              | _        |          | Г  |
|          | 18       | V          | _            | †        | 1        |                                                  |                                                  |          |              | _        |     |               | 68       |                               |          |          |                                                  |                                                  |              |          |          | Г  |
|          | 19       | V          |              | <u> </u> |          |                                                  | $\vdash$                                         |          | ļ            |          | 1   |               | 69       |                               |          |          |                                                  |                                                  | $\vdash$     |          |          | T  |
|          | 20       | V          |              | T        |          |                                                  |                                                  |          | T            | T        |     |               | 70       | Г                             |          |          |                                                  |                                                  |              |          |          |    |
|          | 21       | V          |              | T        |          |                                                  |                                                  |          | Г            | Г        |     | <u> </u>      | 71       |                               |          |          |                                                  |                                                  |              |          |          |    |
|          | 22       | V          |              | Г        | $\vdash$ |                                                  |                                                  |          |              |          |     |               | 72       |                               |          |          |                                                  |                                                  |              |          |          |    |
|          | 23       | √          |              |          |          |                                                  |                                                  |          |              |          |     |               | 73       |                               |          |          |                                                  |                                                  |              |          |          |    |
|          | 24       | V          |              |          |          |                                                  |                                                  |          |              |          |     |               | 74       |                               |          |          |                                                  | <u> </u>                                         | L            | _        |          | L  |
|          | 25       |            |              |          |          |                                                  |                                                  |          |              |          |     |               | 75       |                               |          |          | _                                                | <u> </u>                                         | L            |          | <u> </u> | L  |
|          | 26       |            |              |          | <u> </u> | L                                                |                                                  |          | L            | <u> </u> | Į i | <u>.</u>      | 76       |                               |          |          |                                                  | <u> </u>                                         | _            |          | ╙        | L  |
|          | 27       |            |              | <u>Ļ</u> | L        | ــــ                                             |                                                  | <u> </u> | <u> </u>     | ļ        |     |               | 77       |                               |          | <u> </u> |                                                  | <u> </u>                                         | <u> </u>     |          | ▙        | Ļ  |
|          | 28       | lacksquare | _            | L        | ╙        | <u> </u>                                         | _                                                |          | _            | <u> </u> |     |               | 78       | igspace                       | _        | <u> </u> | ļ.,                                              | <u> </u>                                         | <u> </u>     | _        | ⊢        | L  |
|          | 29       | <u> </u>   | _            |          | ļ.,      | <u> </u>                                         |                                                  | _        | Ļ            | <u> </u> |     |               | 79       |                               | ļ        | <u> </u> | _                                                | ┡                                                | <del> </del> | _        | ⊢        | ┞  |
|          | 30       | ļ          | _            | <u> </u> | _        | <del>                                     </del> | _                                                | _        | ļ            | ├-       | -   |               | 80       | ▙                             |          | <u> </u> | $\vdash$                                         | -                                                | <del> </del> | -        | ⊢        | ⊢  |
|          | 31       | ├          | <u> </u>     | ⊢        | ╄        | ├                                                |                                                  | <u> </u> | -            | ├-       | 1   | <u> </u>      | 81<br>82 | ₩                             | $\vdash$ | ├        | ├                                                | ┢                                                | ⊢            |          | ⊢        | ⊢  |
| -        | 32       | ├          | -            | ├        | <u> </u> | ┼                                                | -                                                | ┢        | -            | Ͱ        | ┨   | <u> </u>      | 83       | 1                             | <u> </u> | ├—       | ⊢                                                | ╁                                                | ┝            | ├        | ├        | ⊢  |
| -        | 33       | -          | ⊢            | ╀        | ├        | ├                                                | ├                                                | ⊢        | -            |          | ┨   | -             | 84       | ┼                             | ⊢        |          | ├                                                | $\vdash$                                         | $\vdash$     | ├        | ├        | ⊢  |
| -        | 34<br>35 | $\vdash$   | $\vdash$     | ┼-       | ┼        | ╁                                                | ⊢                                                | ├        | -            | ├        | 1   |               | 85       | ╁                             |          | ⊢        | ├                                                | ├                                                | -            | -        | ┢        | ╁╴ |
|          | 36       | $\vdash$   | ⊢            | ┼─       | ╁┈       | ╁                                                | ┢                                                | ╁─╴      | -            | $\vdash$ | 1   | <del></del> - | 86       | ╁╌                            | ├        | ┝        | ┢                                                | -                                                | -            | $\vdash$ | $\vdash$ | ╁╌ |
|          | 37       | ┼-         | ├-           | $\vdash$ | $\vdash$ | +                                                | ├                                                | ├        | +            | $\vdash$ | 1   | -             | 87       | +-                            | $\vdash$ | $\vdash$ | $\vdash$                                         | <del>                                     </del> | ✝            | $\vdash$ | $\vdash$ | ┢  |
|          | 38       | $\vdash$   | $\vdash$     | ╁        | +-       | $\vdash$                                         | $\vdash$                                         | ╁╌       | +            | $\vdash$ | 1   | <del> </del>  | 88       | $\vdash$                      | -        | $\vdash$ | $\vdash$                                         | $\vdash$                                         | <del> </del> |          | $\vdash$ | T  |
|          | 39       | +          | ╁╌           | t        | t        | $\vdash$                                         | <del>                                     </del> | $t^-$    | T            | $\vdash$ | 1   |               | 89       | 1                             | $\vdash$ |          | <del>                                     </del> | T                                                | t            | T        |          | T  |
|          | 40       | t          | t            | t        | T        | $t^-$                                            | T                                                | T        | T            | 1        | 1   |               | 90       |                               | Г        | Г        | T                                                | 1                                                |              |          |          | r  |
|          | 41       | †          | t            | t        | T        |                                                  |                                                  |          |              |          | 1   |               | 91       |                               |          |          | 1                                                | Ī                                                |              |          |          | Γ  |
|          | 42       | t          |              | t        | Τ        | 1                                                |                                                  | 1        | $\vdash$     | $\vdash$ | 1   |               | 92       |                               |          |          |                                                  |                                                  |              |          |          | Γ  |
|          | 43       | $\top$     | Π            |          | T        | T                                                | Г                                                | Ī        | 1.           |          | 1   |               | 93       |                               |          |          | Γ                                                |                                                  | L            |          |          | Γ  |
|          | 44       | 1          | Γ            | L        | T        | Ι                                                |                                                  |          |              | Γ        | ]   |               | 94       |                               |          |          |                                                  |                                                  |              |          |          | L  |
|          | 45       |            |              | L        | Γ        | L                                                |                                                  |          |              |          | ]   |               | 95       |                               |          |          |                                                  |                                                  |              |          |          | ſ  |
|          | 46       |            | L            |          | Γ        |                                                  |                                                  |          |              |          |     |               | 96       |                               |          |          |                                                  |                                                  |              |          |          | L  |
|          | 47       |            |              | $\Box$   |          |                                                  |                                                  |          |              |          | 1   |               | 97       | L                             | $\Box$   |          | Ĺ                                                |                                                  | $\perp$      | Ĺ        | 1_       | L  |
|          | 48       |            |              |          |          |                                                  |                                                  | $\Box$   |              | $\Box$   | 1   |               | 98       |                               | <u> </u> | L        | $\perp$                                          |                                                  | <u> </u>     | <u> </u> | $\perp$  | L  |
|          | 49       |            |              |          | Ĺ        | 匚                                                |                                                  |          |              | <u> </u> | 1   |               | 99       | $oldsymbol{oldsymbol{\perp}}$ |          | <u></u>  | _                                                | $\perp$                                          | <u>_</u>     | _        | <u> </u> | L  |
|          | 50       |            |              |          |          | L                                                | <u> </u>                                         | <u> </u> |              | <u> </u> | _   |               | 100      | <u> </u>                      |          |          | 1_                                               |                                                  |              |          | <u> </u> | L  |
|          |          |            |              |          |          |                                                  |                                                  |          |              |          |     |               |          |                               |          |          |                                                  |                                                  |              |          |          |    |

| Cla                                              | im I                                   | Date     |           |          |          |                |                                                  |                                                  |            |          |
|--------------------------------------------------|----------------------------------------|----------|-----------|----------|----------|----------------|--------------------------------------------------|--------------------------------------------------|------------|----------|
|                                                  |                                        | T        | T         |          | T        | Ī              | 1                                                |                                                  | $\Box$     |          |
| Final                                            | Original                               |          |           |          |          |                |                                                  |                                                  |            |          |
|                                                  | 51                                     |          |           |          |          |                |                                                  |                                                  |            |          |
|                                                  | 52<br>53                               |          |           |          |          |                |                                                  |                                                  |            |          |
|                                                  | 53                                     |          | $\Box$    |          |          |                | ]                                                |                                                  | ]          |          |
|                                                  | 54                                     |          |           |          |          |                |                                                  | _                                                |            |          |
|                                                  | 55                                     | _        |           |          | _        | _              |                                                  |                                                  |            |          |
|                                                  | 56                                     |          |           |          | _        | _              |                                                  |                                                  | _          |          |
| L                                                | 57                                     | _        | _         | _        |          |                | _                                                | _                                                | 4          |          |
|                                                  | 58                                     | 4        | _         | _        | $\dashv$ | _              |                                                  | _                                                | $\dashv$   |          |
| <u> </u>                                         | 59                                     |          | $\dashv$  |          | -        | $\dashv$       | -                                                | _                                                | -          |          |
| <u> </u>                                         | 60<br>61                               |          | $\dashv$  | $\dashv$ | -        |                | $\vdash$                                         | $\dashv$                                         |            | _        |
| <u> </u>                                         | 62                                     | -        | $\dashv$  | -        | $\dashv$ | $\dashv$       | -                                                |                                                  | $\vdash$   | _        |
| <del>  -</del>                                   | 63                                     | $\dashv$ | $\dashv$  |          | $\dashv$ | $\dashv$       | $\dashv$                                         |                                                  | $\vdash$   | _        |
| <del>                                     </del> | 64                                     |          | -         | $\dashv$ | ᅱ        | $\vdash$       | Н                                                | $\vdash$                                         | -          |          |
|                                                  | 65                                     |          |           | $\dashv$ | $\neg$   |                |                                                  | $\vdash$                                         | $\dashv$   | -        |
|                                                  | 66                                     | _        | $\neg$    |          |          |                |                                                  |                                                  |            |          |
|                                                  | 66<br>67                               |          |           | $\neg$   |          |                |                                                  | _                                                |            |          |
|                                                  | 68                                     |          |           |          | П        |                |                                                  |                                                  |            |          |
|                                                  | 69                                     |          |           |          |          |                |                                                  |                                                  |            |          |
|                                                  | 70                                     |          | $\neg$    |          |          |                |                                                  |                                                  |            |          |
|                                                  | 71                                     |          |           |          |          |                |                                                  |                                                  |            |          |
|                                                  | 72                                     |          |           |          |          |                |                                                  |                                                  |            |          |
|                                                  | 73                                     |          |           |          |          |                |                                                  |                                                  |            |          |
|                                                  | 74                                     |          |           |          |          | L              | ليا                                              |                                                  |            | _        |
| <u> </u>                                         | 71<br>72<br>73<br>74<br>75<br>76<br>77 |          |           |          |          |                | oxdot                                            |                                                  | ļ          | _        |
| <u> </u>                                         | 76                                     |          |           | -        |          |                | <u> </u>                                         |                                                  | H          | <u> </u> |
| <u> </u>                                         | 77                                     |          | _         | -        |          | <b></b>        |                                                  | $\vdash$                                         | $\vdash$   |          |
|                                                  | 78<br>79                               | $\vdash$ |           | $\vdash$ | <u> </u> | H              | -                                                | -                                                | $\vdash$   | _        |
|                                                  | 80                                     |          |           | $\vdash$ |          | $\vdash$       | -                                                | $\vdash$                                         |            | $\vdash$ |
| -                                                | 81                                     | $\vdash$ | _         | $\vdash$ | H        | -              | -                                                | H                                                | $\vdash$   | -        |
| $\vdash$                                         | 82                                     | H        |           |          | -        | $\vdash$       | ┢                                                | -                                                | $\vdash$   | $\vdash$ |
| $\vdash$                                         | 82<br>83                               | Н        |           | $\vdash$ | $\vdash$ | $\vdash$       | <del>                                     </del> | -                                                |            | $\vdash$ |
|                                                  | 84                                     | H        |           |          | -        | $\vdash$       | $\vdash$                                         | <del>                                     </del> | Ι          |          |
|                                                  | 85                                     |          |           |          |          |                |                                                  |                                                  | <u> </u>   | Τ        |
| <u> </u>                                         | 86                                     |          |           | П        | П        |                |                                                  |                                                  |            |          |
|                                                  | 87                                     |          |           |          |          |                |                                                  |                                                  |            |          |
|                                                  | 88                                     |          |           |          |          |                |                                                  |                                                  |            |          |
|                                                  | 89                                     |          |           | L        |          |                |                                                  |                                                  |            |          |
|                                                  | 90                                     |          |           | Ľ        |          |                |                                                  |                                                  |            | L        |
|                                                  | 91                                     | Ш        | <u></u> . | <u> </u> |          | <u> </u>       | <u> </u>                                         | L.                                               | <u> </u>   |          |
|                                                  | 92                                     |          |           | <u> </u> | <u> </u> | <u> </u>       | _                                                | _                                                | <u> </u>   | _        |
| <u> </u>                                         | 93                                     | Щ        |           | ļ        | L_       | <u> </u>       | _                                                | <u> </u>                                         |            | <u> </u> |
| <u></u>                                          | 94                                     | <u> </u> | _         | <u> </u> | <u> </u> | <u> </u>       | <u> </u>                                         | <u> </u>                                         | ┞          |          |
|                                                  | 95                                     | $\vdash$ | _         | <u> </u> | ļ        | 1              | $\vdash$                                         |                                                  | -          | $\vdash$ |
|                                                  | 96                                     | <u> </u> | $\vdash$  | <u> </u> |          | $\vdash$       |                                                  | ├—                                               | $\vdash$   | -        |
| <u></u>                                          | 97                                     | -        | _         | $\vdash$ | <u> </u> | <del>  -</del> | ├-                                               | $\vdash$                                         | <b>├</b> - | $\vdash$ |
| <u></u>                                          | 98                                     | <u> </u> | <u> </u>  | -        | $\vdash$ | $\vdash$       |                                                  | -                                                | $\vdash$   | -        |
|                                                  | 99                                     | $\vdash$ | -         | -        | $\vdash$ | -              | ├                                                | -                                                | -          | ├-       |

| Claim       |                                                                                                       |              |          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Date     | <del></del>  |                |                    | $\neg$       |
|-------------|-------------------------------------------------------------------------------------------------------|--------------|----------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------------|----------------|--------------------|--------------|
|             |                                                                                                       |              |          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |              |                |                    |              |
| ā           | Original                                                                                              |              |          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |              |                |                    | - 1          |
| Final       | ij                                                                                                    |              |          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |              |                |                    |              |
| _           | Ō                                                                                                     |              |          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |              |                |                    |              |
|             | 101                                                                                                   |              | _        | $\vdash$                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Н        |              |                | $\dashv$           | $\dashv$     |
| <u> </u>    | 107                                                                                                   | _            |          | $\vdash$                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | $\vdash$ |              | _              | -                  | $\dashv$     |
| <del></del> | 102                                                                                                   |              | _        |                                                  | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |              |                | $\dashv$           | $\dashv$     |
|             | 101<br>102<br>103<br>104<br>105<br>106                                                                | -            | _        | -                                                | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -        |              | _              |                    | _            |
| <b></b>     | 104                                                                                                   |              | _        |                                                  | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash$ | $\vdash$     |                | Н                  | _            |
| <u> </u>    | 100                                                                                                   |              | <u> </u> | -                                                | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | _            | _              |                    |              |
|             | 100                                                                                                   |              | $\vdash$ | ├                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -        |              | _              | _                  | _            |
|             | 107                                                                                                   |              |          | <u> </u>                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -        |              |                | $\vdash$           |              |
|             | 108<br>109                                                                                            | _            | _        | <u> </u>                                         | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u> </u> |              |                | Ш                  | $\dashv$     |
|             | 109                                                                                                   | <u> </u>     |          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |              | :              | _                  | $\dashv$     |
|             | 110                                                                                                   | L            | _        | _                                                | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          | _            |                |                    | -            |
| <u> </u>    | 111                                                                                                   | <u> </u>     | <u> </u> | <u> </u>                                         | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u> </u> | L.           | <u> </u>       | <b> </b>           | $\dashv$     |
| <u> </u>    | 112                                                                                                   |              |          | <u> </u>                                         | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u> </u> | <u> </u>     |                | Ш                  | Щ            |
| L           | 113                                                                                                   | <u> </u>     | <u> </u> |                                                  | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          | <u> </u>     | <u> </u>       | L                  | $\vdash$     |
|             | 110<br>111<br>112<br>113<br>114<br>115                                                                |              |          |                                                  | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <u> </u> | L_           | <u> </u>       |                    |              |
|             | 115                                                                                                   | L            |          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |              |                |                    | Ш            |
|             | 116                                                                                                   | <u> </u>     | <u> </u> | <u></u>                                          | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | _        | <u>_</u>     |                | $ldsymbol{f eta}$  |              |
|             | 116<br>117                                                                                            |              |          | Ĺ                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |              |                | $oxedsymbol{oxed}$ |              |
|             | l 118                                                                                                 |              |          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          | L            |                |                    |              |
|             | 119                                                                                                   |              |          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |              |                |                    |              |
|             | 120                                                                                                   |              | Г        |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | T        |              |                |                    |              |
|             | 121                                                                                                   |              |          | П                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1        |              |                |                    |              |
| _           | 122                                                                                                   |              |          | H                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |              |                |                    | П            |
|             | 123                                                                                                   | -            |          | ┢                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          | _            |                | 一                  | М            |
|             | 124                                                                                                   | -            | ┰        | <del>                                     </del> | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash$ |              |                | H                  |              |
|             | 125                                                                                                   | H            | -        | <del> </del>                                     | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | $\vdash$ |              |                |                    | т            |
|             | 126                                                                                                   | -            |          | ├                                                | ╁                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash$ | -            |                | $\vdash$           | $\vdash$     |
| -           | 127                                                                                                   | ┢            | $\vdash$ | $\vdash$                                         | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | $\vdash$ |              |                | <del>  -</del>     | Н            |
|             | 129                                                                                                   | $\vdash$     | ⊢        | ┢                                                | ┢                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -        | -            | <u> </u>       |                    | Н            |
|             | 120                                                                                                   | -            | ⊢        | ┢                                                | ╁                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\vdash$ | -            | ┢              | H                  | Н            |
| <u> </u>    | 120                                                                                                   | -            | ├        | ├                                                | ⊢                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ┝        | -            | $\vdash$       | -                  | Н            |
| ├           | 130                                                                                                   | $\vdash$     | ├        | ┝                                                | ⊢                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <u> </u> |              | ⊢              |                    | $\vdash$     |
|             | 131                                                                                                   | <del> </del> | -        |                                                  | ├-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -        | -            |                | -                  |              |
| ļ           | 119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133 | ├            | $\vdash$ | <del> </del>                                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1        | <u> </u>     | ├              | -                  | $\vdash$     |
|             | 133                                                                                                   | <b>!</b>     | $\vdash$ | ├-                                               | ₩                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b> </b> | -            | <del> </del> — | ├-                 | Н            |
|             | 134                                                                                                   | <u> </u>     | _        | 1                                                | ↓_                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ـــ      | <del> </del> | <u> </u>       | <u> </u>           |              |
|             | 135<br>136                                                                                            | <u> </u>     | <u>L</u> | <u> </u>                                         | ــــــــــــــــــــــــــــــــــــــ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ₩        | <u> </u>     | <u> </u>       | $\vdash$           | $\sqcup$     |
| L           | 136                                                                                                   | <u> </u>     | <u> </u> | _                                                | <u> </u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u> </u> | $\vdash$     | <u> </u>       | <u> </u>           | _            |
| <u> </u>    | 137                                                                                                   | <u> </u>     | L        | <b>!</b>                                         | _                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | _        | <u> </u>     | <u> </u>       | <u> </u>           | Щ            |
| L           | 138<br>139                                                                                            | $oxed{oxed}$ | <u> </u> | _                                                | $oxed{oxed}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | _        |              | L.             | <u> </u>           |              |
|             | 139                                                                                                   |              | $\Box$   |                                                  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}$ | 1_       |              |                | $oxed{oxed}$       | _            |
|             | 140                                                                                                   | L            | <u> </u> |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <u>L</u> | $oxed{oxed}$ | L              | lacksquare         |              |
|             | 141                                                                                                   | L            | L        |                                                  | $\perp$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          | _            |                |                    |              |
|             | 142                                                                                                   |              |          |                                                  | Ĺ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | $\prod$  | Ĺ            | L              | 匚                  | $\Box$       |
|             | 143                                                                                                   |              |          | Γ                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |              |                |                    |              |
|             | 144                                                                                                   | Ī            |          |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Γ        |              |                |                    |              |
|             | 145                                                                                                   | 1            | 1        | T                                                | $\vdash$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | †        | Г            | t              | 1                  | П            |
|             | 146                                                                                                   | Т            | T        | t                                                | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1        | 1            | $\Box$         |                    | $\sqcap$     |
| $\vdash$    | 147                                                                                                   | 1-           | t        | $t^-$                                            | $t^-$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | T        | 1            | T              | T -                | $\vdash$     |
| <u> </u>    | 148                                                                                                   | T            | t        | 1                                                | t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1        | t            | $\vdash$       |                    | $\vdash$     |
|             | 149                                                                                                   | +            | $\vdash$ | +-                                               | +-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | t        | <del> </del> | $\vdash$       | +-                 | <del> </del> |
|             | 150                                                                                                   | $\vdash$     | ╁        | +                                                | ╁                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ╁        | $\vdash$     | ├              | ┼                  | $\vdash$     |
|             | 1 100                                                                                                 |              | 1_       | <u>L</u> .                                       | ـــ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |              |                | <u></u>            |              |